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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/664,523	09/22/2003	Jack Gershfeld		4300
24958	7590	09/18/2007	EXAMINER	
VLADIMIR KHITERER			PHAN, DEAN	
KHITERER LAW OFFICE			ART UNIT	PAPER NUMBER
2109 W. COAST HWY., SUITE 200				
NEWPORT BEACH, CA 92663			2182	
		MAIL DATE	DELIVERY MODE	
		09/18/2007	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/664,523	GERSHEFELD, JACK
	Examiner Dean Phan	Art Unit 2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 22 September 2003.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1 and 2 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 and 2 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 09/22/2003 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date: _____	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1, 2 are rejected under 35 U.S.C. 103(a) as being unpatentable over Walsh et al (U.S Pat# 5,903,261), in view of Rosen (U.S Pub# 2003/0051084).**

**As to claim 1,** Walsh et al disclose a card-cage audio visual signal control system (Fig. 1) comprising:

- (1) a cage comprising a plurality of slots for installing cards disposed inside the cage (computer cage 15);
- (2) a plurality of cards removably installed into the slots (video card 12, sound card 28) each card performing a specific function with respect to signals applied to the card (col 6 lns 15-30);
- (3) a central control means disposed inside the cage (Fig. 2 CPU 25), the central control means controlling the cards;
- (4) a power means disposed inside the cage (*The system has power supply mean which supplies power to all elements*), the power means supplying power to the central control means and the cards;
- (5) a plurality of interconnect means connecting the cards to the central control means (*slots of sound card, and video card*);

(6) an interface means (*graphics card 14*) for connecting an external computer means (monitor 16, keyboard) to the central control means and the cards;

Walsh et al do not disclose the system, wherein each card comprises an embedded help file that can be displayed by the external computer. However, in the same field of art, Rosen discloses a computer system wherein each device having a embedded driver which include a help file for assisting user in operating the device. The help file can be displayed on an LCD screen (par. 49-50). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to implement the teachings of Rosen into Walsh et al invention by:

- (a) connecting an external computer means comprising a display means to the interface means;
- (b) generating a help request signal programmed to identify the card and retrieve the help file;
- (c) applying the help request signal to the card via the interface means;
- (d) in response to the help request signal, transmitting the help file to the external computer means and displaying the help file on the display means.

The motivation is to simplify the configuration of a peripheral device and automatically installing the appropriate device driver with the assistance of embedded help files. (See par. 42-43,50- 51)

**As to claim 2**, Walsh et al teach a card-cage audio visual signal control system with help files embedded into each card comprising:

- (1) a cage, (2) card slots, (4) a power means;

(3) a bus means disposed inside the cage (Fig. 2 bus 21, the bus means controlling the cards;

(5) a plurality of interconnect means connecting the cards to the bus means (*pins in slots or bus between slot and main bus 21*);

(6) an interface means (*graphic card 14*) for connecting an external computer means (*monitor 16*) to the bus means and the cards;

Walsh et al do not disclose the system, wherein each card comprises an embedded help file that can be displayed by the external computer. However, in the same field of art, Rosen discloses a computer system wherein each computer device is embedded with a help file. The help file can be displayed on an LCD screen (par. 49-50). Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to implement the teachings of Rosen into Walsh et al invention by:

(a) connecting an external computer means comprising a display means to the interface means;

(b) generating a help request signal programmed to identify the card and retrieve the help file;

(c) applying the help request signal to the card via the interface means;

(d) in response to the help request signal, transmitting the help file to the external computer means and displaying the help file on the display means.

The motivation is to simplify the configuration of a peripheral device and automatically installing the appropriate device driver with the assistance of embedded help files. (See par. 42-43,50- 51)

Examiner's note:

*Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.*

*In the case of amending the claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate(s) the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.*

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dean Phan whose telephone number is (571) 270-1002. The examiner can normally be reached on Mon - Thu; 9:30AM - 5:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Huynh can be reached on (571) 272-4147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

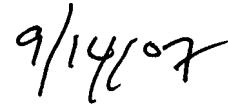
Art Unit: 2182

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

dp



KIM HUYNH  
SUPERVISORY PATENT EXAMINER



9/14/07